

DERWENT-ACC-NO: 1981-41568D

DERWENT-WEEK: 198123

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TITLE: Solid phase mass transfer set - has variable packing  
parameters based on sloped holes, louvre plates and  
jets  
in stationary helical packing

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
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SU 764698 B	September 23, 1980	N/A	000
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INT-CL (IPC): B01D011/02, C11B001/10

ABSTRACTED-PUB-NO: SU 764698B

BASIC-ABSTRACT:

The set comprises a vertical cylindrical casing housing a stationary  
helical  
packing (7) and with a pipe linked to a pulse generator (5).

To intensify operation, the packing has holes in it, sloped relative to its surface and screened at the top and bottom by louvre-plates, while the lift

angle of the helical surface varies between 4 and 30 deg., and some of the

holes have sloped jets in them.

TITLE-TERMS: SOLID PHASE MASS TRANSFER SET VARIABLE  
PACK PARAMETER BASED SLOPE

HOLE LOUVRE PLATE JET STATIONARY HELICAL PACK

DERWENT-CLASS: D23

CPI-CODES: D10-A01;